

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050500

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C01B3/38 B01J8/06 B01J8/00 B01J8/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, API Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | US 4 650 651 A (FUDERER ANDRIJA) 17 March 1987 (1987-03-17) column 5, line 52 - column 6, line 51; figure | 1-11 |
| Y | EP 1 146 009 A (AIR PROD & CHEM) 17 October 2001 (2001-10-17) paragraph '0014! - paragraph '0020!; claims; figure 1A | 1-11 |
| X | GB 1 093 943 A (ICI LTD) 6 December 1967 (1967-12-06) page 3, line 10 - line 50; figure | 1-11 |
| X | NL 8 403 144 A (STAMICARBON) 16 May 1986 (1986-05-16) page 4, line 3 - page 5, line 4; figure 1 | 1 |
| | | -/- |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the International search report

13 August 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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| X | EP 0 440 258 A (TOPSOE HALDOR AS) 7 August 1991 (1991-08-07) figure 1 ----- | 1 |

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Information on patent family members

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| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
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